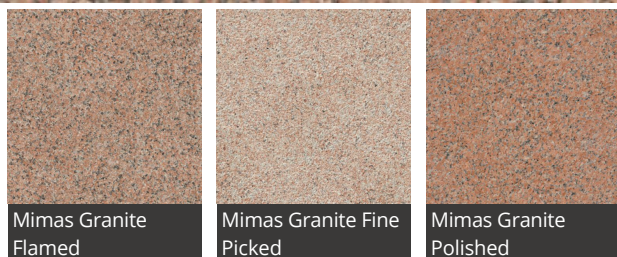


Mimas Granite

Date Created: 26/07/19



*It should be noted that colour variations and markings are characteristic of Natural Stone. Inherent variations cannot be controlled nor the precise shade of stone guaranteed.

Marshall's supplies a comprehensive range of granites. Traditionally a tough, durable material, granite can be fashioned into a wide range of Landscape products to provide a very modern aesthetic.

Marshall's Mimas Granite is a red-grey granite available in three finishes – flamed, fine picked and polished.

Strong enough for pedestrian and vehicular trafficked areas when used as paving, Mimas is also available as setts, water management, street furniture, kerbs, tactile or bespoke masonry features.

Mimas Granite combines elegant aesthetics with the natural hard-wearing strength of granite.

All Marshall's Granites meet ISO9001 quality assurance standards and are scored on the ethical risk index.

DESCRIPTION	
Appearance	Red with grey and white inclusions
Manufacturing Process	Sawn
Geological Type	Granite
Quarry of Origin	Shandong Province, China
Governing Manufacturing Standards	All data where relevant to be established in accordance with BS EN 1341 : 2012, BS EN 1342 : 2012 & BS EN 1343 : 2012
Petrographical Description	Pink and pale grey coarse grained Granite
CE Marking/DOP	https://www.marshalls.co.uk/dop



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PHYSICAL PROPERTIES

Work Dimensions (mm)	450 x 450 x 50 450 x 450 x 60 450 x 450 x 70 900 x 450 x 50 900 x 450 x 60 900 x 450 x 70 600 x 600 x 50 600 x 600 x 60 600 x 600 x 70 900 x 600 x 50 900 x 600 x 60 900 x 600 x 70 200 x 100 x 50 200 x 100 x 60 200 x 100 x 70 300 x 100 x 50 300 x 100 x 60 300 x 100 x 70 300 x 150 x 50 300 x 150 x 60 300 x 150 x 70 300 x 200 x 50 300 x 200 x 60 300 x 200 x 70
Tolerances on Work Dimensions (mm)	Paving Class 1 tolerances to all dimensions as standard Setts Class 2 tolerances to all dimensions as standard Kerbs Class 2 tolerances to all dimensions as standard Others by agreement
Abrasion Resistance (mm)	14mm (Mean value to EN 14157 : 2004 (Hev = 14.3mm))
Durability (Freeze-thaw)	13.9/12.1 MPa (Mean values to EN 12371 : 2006)
Material Density	2619 kg/m ³ (Mean value to EN 1936 : 2006)
Open Porosity (%)	0.55% (Mean value to EN 1936 : 2006)
Compressive Strength (MPa)	201 MPa (Mean value to EN 1926 : 2006 (Lev = 164 MPa))
Water Absorption (%)	0.21% (Mean value to EN 13755 : 2008 (Hev = 0.28%))
Transverse/FlexuralSplit/Breaking	14.1 MPa (Mean value to EN 12372 : 2006 (Lev = 10.9 MPa))

TEXTURE SPECIFIC PROPERTIES

MANUFACTURING

Materials Control	CE Marked to BS EN 1341 Paving, 1342 Setts, 1343 Kerbs
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SUSTAINABILITY

ERI Score	Our Score: 1.4 Cluster Score: 1.1
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Carbon Footprint

Mimas Granite Paving 300 x RL x 50	96 kg CO2 m ²
Mimas Granite Paving 300 x RL x 63	134.4 kg CO2 m ²
Mimas Granite Paving 300 x RL x 75	115.2 kg CO2 m ²
Mimas Granite Paving 450 x 450 x 50	96 kg CO2 m ²
Mimas Granite Paving 450 x 450 x 63	134.4 kg CO2 m ²
Mimas Granite Paving 450 x 450 x 75	115.2 kg CO2 m ²
Mimas Granite Paving 450 x 900 x 50	96 kg CO2 m ²
Mimas Granite Paving 450 x 900 x 63	134.4 kg CO2 m ²
Mimas Granite Paving 450 x 900 x 75	115.2 kg CO2 m ²
Mimas Granite Paving 450 x RL x 50	96 kg CO2 m ²
Mimas Granite Paving 450 x RL x 63	134.4 kg CO2 m ²
Mimas Granite Paving 450 x RL x 75	115.2 kg CO2 m ²
Mimas Granite Paving 600 x 600 x 50	96 kg CO2 m ²
Mimas Granite Paving 600 x 600 x 63	134.4 kg CO2 m ²
Mimas Granite Paving 600 x 600 x 75	115.2 kg CO2 m ²
Mimas Granite Paving 600 x 900 x 50	96 kg CO2 m ²
Mimas Granite Paving 600 x 900 x 63	134.4 kg CO2 m ²
Mimas Granite Paving 600 x 900 x 75	115.2 kg CO2 m ²

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	Flamed	Fine Picked	Polished
Light Reflectance Value (LRV)	25.67	34.18	27.08
Surface Roughness (Rz-µm)	45.2	>75	3
Slip Resistance (BS 14231) (Dry)	81	97	25
Slip Resistance (BS 14231) (Wet)	68	76	10

SUSTAINABILITY

Mimas Granite Paving 600 x RL x 50	96 kg CO2 m ²
Mimas Granite Paving 600 x RL x 63	134.4 kg CO2 m ²
Mimas Granite Paving 600 x RL x 75	115.2 kg CO2 m ²
Mimas Granite Setts 200 x 100 x 50	96 kg CO2 m ²
Mimas Granite Setts 200 x 100 x 63	134.4 kg CO2 m ²
Mimas Granite Setts 200 x 100 x 75	115.2 kg CO2 m ²
Mimas Granite Setts 300 x 100 x 50	96 kg CO2 m ²
Mimas Granite Setts 300 x 100 x 63	134.4 kg CO2 m ²
Mimas Granite Setts 300 x 100 x 75	115.2 kg CO2 m ²
Mimas Granite Setts 300 x 150 x 50	96 kg CO2 m ²
Mimas Granite Setts 300 x 150 x 63	134.4 kg CO2 m ²
Mimas Granite Setts 300 x 150 x 75	115.2 kg CO2 m ²
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Mimas Granite Setts 300 x 200 x 63	134.4 kg CO2 m ²
Mimas Granite Setts 300 x 200 x 75	115.2 kg CO2 m ²

FURTHER INFORMATION

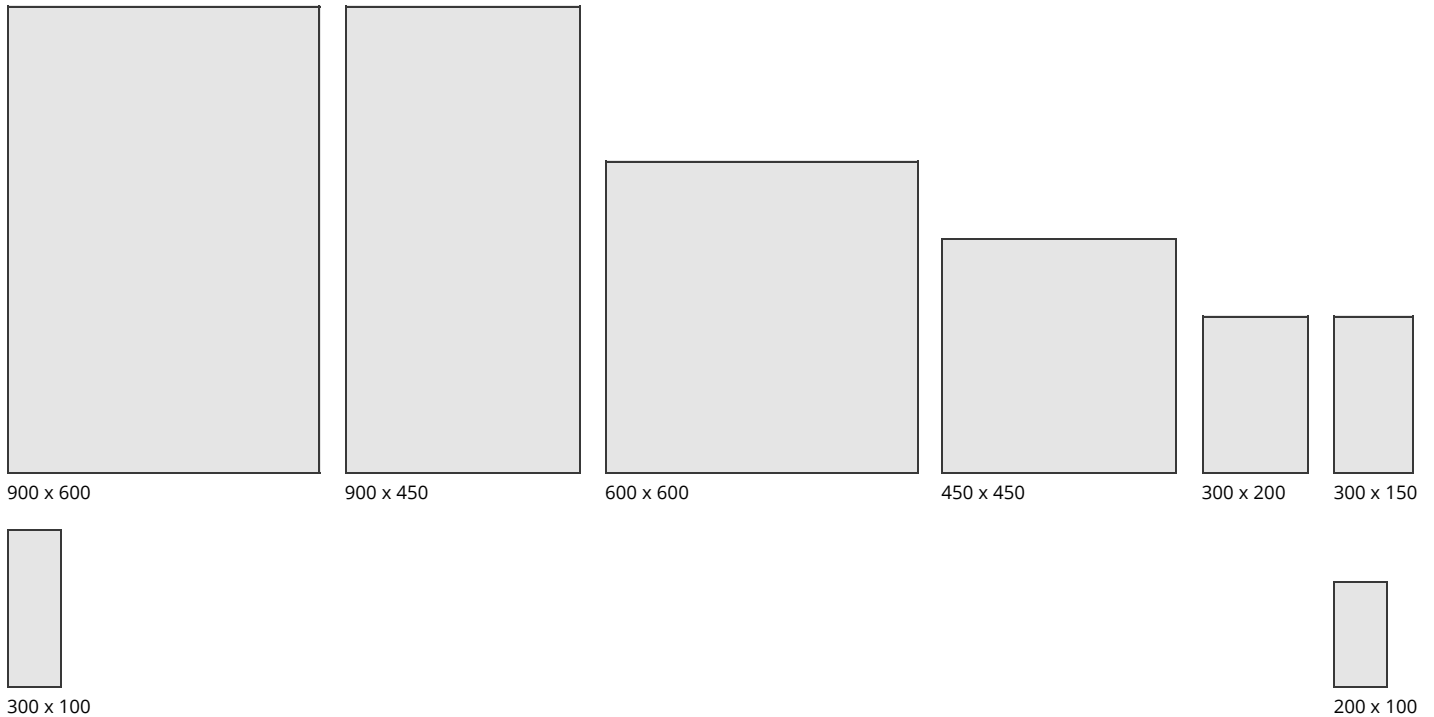
Contact Us	For technical information on the design, specification and construction when utilising the product, contact the Technical Advisory Services Department on 0370 411 2233
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Suggested Plan Sizes



The plan sizes shown above illustrate popular sizes of our Natural Stone. Bespoke sizes are available upon request.